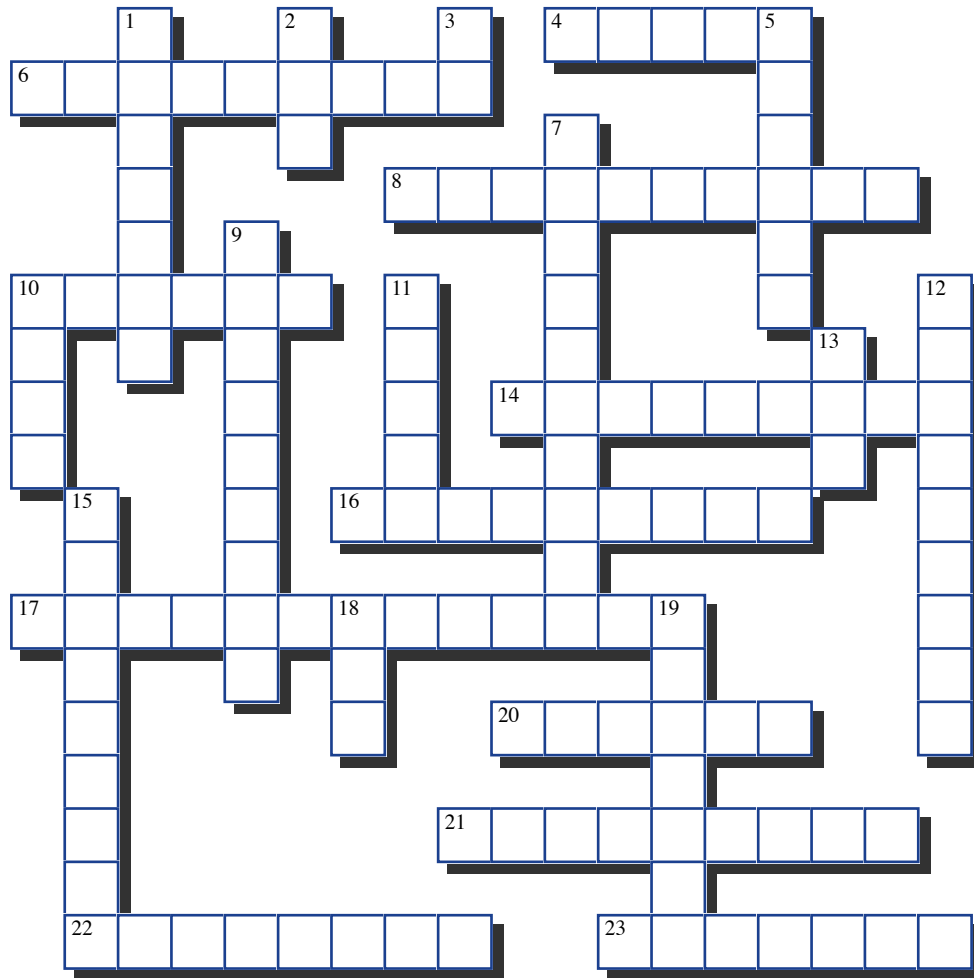


# Chapter 2 Communications technology

Name: Year 10



## Across Clues

4. An electronic device that allows current to flow in one direction only
6. The part of a microphone that vibrates when sound hits it
8. This device converts sound energy into electrical energy
10. A numbering system with only two values—zero and one
14. Thousands of electronic components etched onto a piece of silicon
16. Plasma is a gas-like state of matter composed of fast-moving positive ions and \_\_\_\_\_
17. These carry telephone messages between telephone exchanges (2 words)

20. Type of electrical signal that can have any value
21. An electronic device which stores electric charge and releases it when needed
22. The electrical signals from a telephone are changed to digital laser light signals at a telephone \_\_\_\_\_.
23. A device that picks up radio and television signals

## Down Clues

1. Italian inventor of radio
2. Cathode ray oscilloscope
3. Type of radio or TV signal where the frequency is modulated
5. To put a message into coded form

7. An electronic device that can act as a switch or an amplifier
9. The number of complete cycles of a wave per second
10. A digital unit consisting of eight bits
11. One of the small dots of light that make up an image on a computer or TV screen
12. A device used to boost the strength of an electronic signal
13. The unit of resistance
15. The size of an electrical signal or the loudness of a sound
18. Light-emitting diode
19. Element used to make diodes and transistors

## Down Clues